



**Image Dimension Measurement System
IMAGE Series**

SPEEDY · SIMPLER · ACCURATE

Product Parameter Table

Equipment Model			IMAGE 3	
Imaging Measurement	Measuring Range (mm)	High precision measurement mode(X*Y*Z)	26*18	
		Wide field of view measurement mode(X*Y*Z)	φ100	
	Lens field of view (mm)	High-precision measurement mode	26×18	
		Wide field of view measurement mode	Φ100	
	Repeat Accuracy (μm)	High-precision measurement mode	±2	
		Wide field of view measurement mode	±4	
	Measurement accuracy(μm)	High-precision measurement mode	Non-stitching	±2
			Stitching	/
Wide field of view measurement mode		Non-stitching	±4	
		Stitching	/	
Height measurement	Repeatability (μm)		/	
	Measurement Accuracy (μm)			
	Working Distance(mm)			
	Range (mm)			
Optical System	Camera		1" 20 Megapixel B/W CMOS Camera*2	
	Leny		Double-magnification bilateral telecentric lens	
	Surface Light		Liftable quad white ring light + green gap light source	
	Back Light		Green parallel bottom light source	
	Coaxial Light Optical		Built-in coaxial light source (optional)	
Height sensors	Spectral Confocal Probes		/	
	Spectral Measurement Range (mm)			
	Measurement Angle			
	Spot Size (μm)			
	Linear Accuracy			
Table Load(kg)			5	
Software			AI-Image (self-developed)	
Supply Power Supply			220V+20%, 50Hz	
Working Environment			Temperature: 20±3°C; Humidity: 30-80% (no condensation); Vibration: <0.002g 15Hz	
Minimum Display Unit (μm)			0.1	
Instrument Weight (kg)			33	
Overall Dimension(l*w*h)(mm)			625*309*650	

